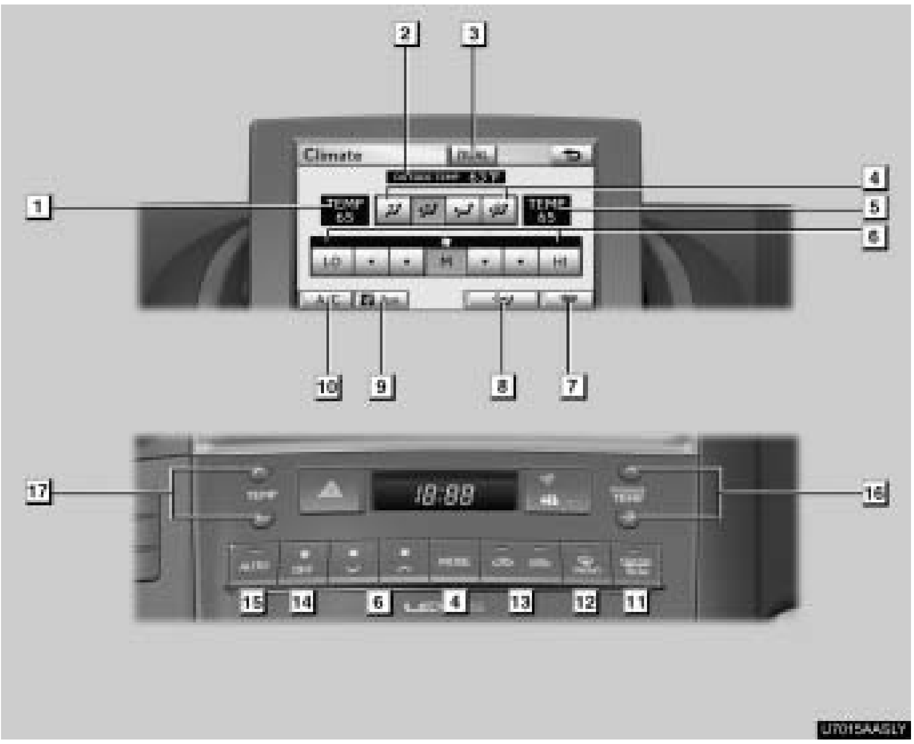
SECTION 8

AIR CONDITIONING

Air conditioning

Automatic air conditioning controls

Operations such as changing the air outlets or fan speed are carried out on the screen. To display the air conditioning control screen, push the **“MENU”** button and select **“Climate”**.



1. **Driver side temperature display**
(In degrees Fahrenheit or Centigrade)
2. **Outside temperature display**
(In degrees Fahrenheit or Centigrade) 284
3. **“DUAL”**
(Temperature setting mode change button) 276, 278
4. **Air flow control buttons** 278
5. **Passenger side temperature display**
(In degrees Fahrenheit or Centigrade)
6. **Fan speed control buttons** 277
7. **Windshield wiper de−icer button** 282
8. **“Micro dust and pollen filter” button** 283
9. **“Plasmacluster™*” button** 284
10. **“A/C”** 280
11. **Rear window defogger button** 282
12. **Windshield air flow button** 280
13. **Air intake control button** 279
14. **“OFF” button** 277

15 **"AUTO" button** 276

16 **"PASSENGER TEMP" buttons**
(Passenger side temperature control button)
(Only for the independent mode that display shows **"DUAL"**; mainly for front passenger and secondarily for driver) 276, 278

17 **"TEMP" buttons**
(Driver side temperature control button) (At the independent mode that display shows **"DUAL"**; mainly for driver and secondarily for front passenger)
(At the linked mode that display does not show **"DUAL"**; for driver)
. . . . 276, 278

*: Plasmacluster technology is manufactured under license from the SHARP Corporation. "Plasmacluster™" is a trademark of the SHARP Corporation.

(a) Climate control

Air outlets and fan speed are automatically adjusted according to the temperature setting.

The "POWER" switch must be in ON mode.



Push the "MENU" button and select "Climate" to display the air conditioning control screen.

INFORMATION

- ***When the "POWER" switch is turned on, the air conditioning system settings will be set to those that were in use the last time the "POWER" switch was turned off. Air conditioning system settings are memorized individually on each electronic key, so the settings reproduced will be specific to the key that is used.***
- ***To reduce potential odors from occurring:***
  - ***It is recommended that the air conditioning system be set to outside air mode prior to turning the vehicle off.***
  - ***The start timing of the blower may be delayed for a short period of time immediately after the air conditioning system is started in automatic operation mode.***

NOTICE

To prevent the 12−volt battery from being discharged, do not leave the air conditioning on longer than necessary when the hybrid system is off.



By pushing the switch above, you can operate the voice command system.

For the operation of the voice command system and the command, see pages 50 and 55.

(b) Using automatic air conditioning system

- **Switching to automatic operation mode**



Push the "AUTO" button.

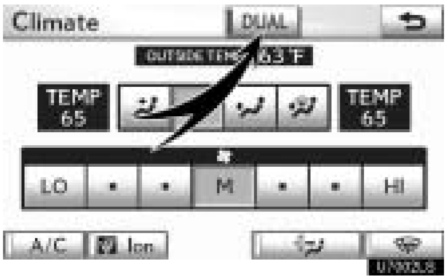
The air conditioning system begins to operate. Air outlets and fan speed are automatically adjusted according to the temperature setting.

Push **"OFF"** button to turn the air conditioning system off.

- **Setting the vehicle interior temperature**



Push the "∧" button on "TEMP" to increase the temperature and "∨" to decrease the temperature.



"DUAL" button is used to set the temperatures independently for the driver's seat and front passenger seat.

When the **"DUAL"** indicator is on, the temperature for the driver's seat and front passenger seat can be adjusted separately.

(c) Adjusting the settings manually

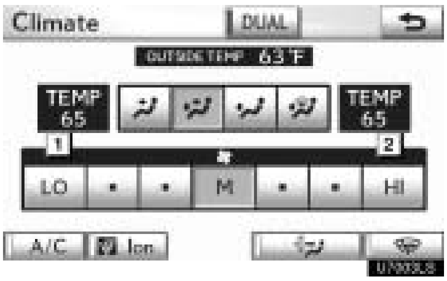
- **Setting the fan speed**



To turn on the air conditioning system and adjust the fan speed, push the "∧" button on fan speed control button to increase the fan speed and push the "∨" button to decrease the fan speed.

To turn the fan off, push the **"OFF"** button.

Using the screen—



1 **Fan speed at low**

2 **Fan speed at high**

- **Setting the vehicle interior temperature**



To adjust the temperature setting, push the "∧" button on "TEMP" to increase the temperature and push the "∨" button to decrease the temperature.

When the **"DUAL"** indicator is on, the temperature for the driver's seat and front passenger seat can be adjusted separately.

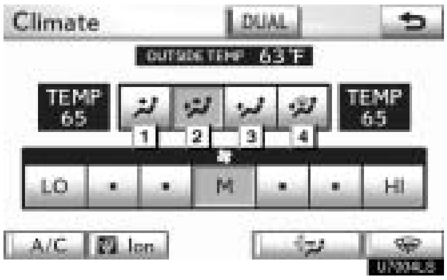
- **Switching the air outlets**



To change the air outlets, push the "MODE" button.

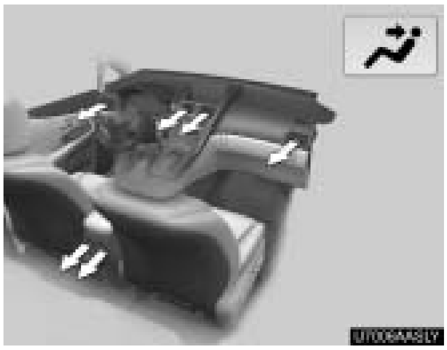
The air outlets used are switched each time the button is pushed.

Using the screen—

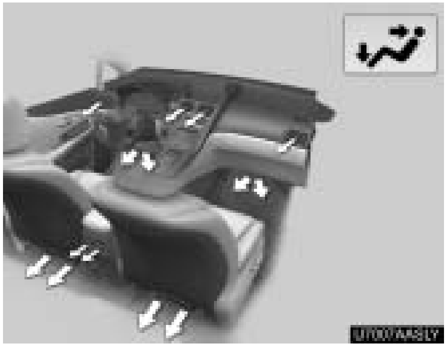


1 **Panel**
2 **Bi–level**
3 **Floor**
4 **Floor/windshield**

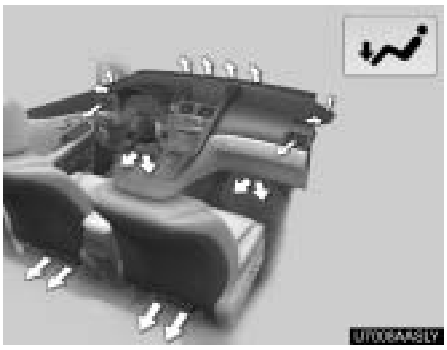
The air flow shown on the display indicates the following.



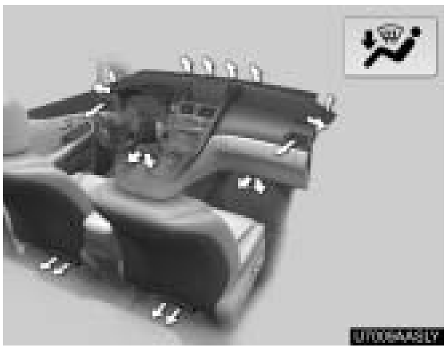
▶**Air flows to the upper body (Panel)**



▶Air flows to the upper body and feet (Bi–level)



▶Air flows to the feet (Floor)



▶Air flows to the feet and the windshield defogger operates (Floor/windshield)

- **Switching between outside air and recirculated air modes**



Each time you push the air intake control button, the mode changes in order from the RECIRCULATED AIR mode to OUTSIDE AIR mode, then back to the RECIRCULATED AIR mode. Each indicator light shows which mode is now selected.

1 **RECIRCULATED AIR mode** — If quick circulation of cooled air is desired, select this mode.

2 **OUTSIDE AIR mode** — The system will take fresh outside air into the vehicle.

For normal use, it is the best to keep the air intake control button set to OUTSIDE AIR mode. If recirculated air is used during heating, the windows will fog up more easily.

(d) Defogging the windshield



The air conditioning system operates automatically.

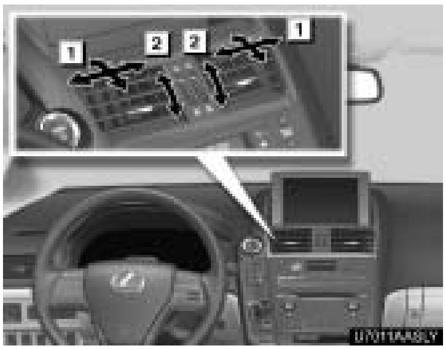
Recirculated air mode will automatically switch to outside air mode. It is not possible to return to recirculated air mode when the switch is on.

⚠ CAUTION

To prevent the windshield from fogging up

Do not use the windshield air flow button during cool air operation in extremely humid weather. The difference between the temperature of the outside air and that of the windshield can cause the outer surface of the windshield to fog up, blocking your vision.

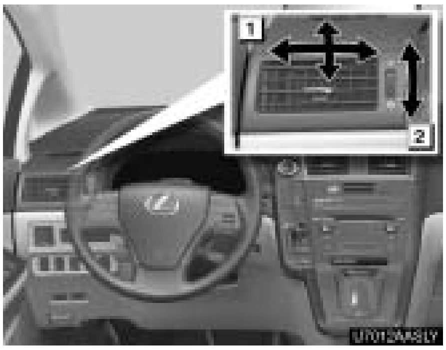
(e) Adjusting the position of and opening and closing the air outlets



▶Front center outlets

1 **Direct air flow to the left or right, up or down**

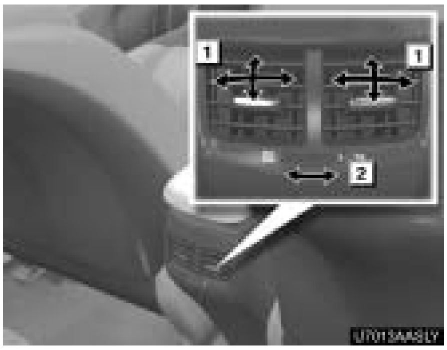
2 **Turn the knob to open or close the vent**



▶Front side outlets

1 **Direct air flow to the left or right, up or down**

2 **Turn the knob to open or close the vent**



▶Rear outlets

1 Direct air flow to the left or right, up or down

2 Turn the knob to open or close the vent

INFORMATION

- *Using automatic mode*

  Fan speed is adjusted automatically according to the temperature setting and ambient conditions. As a result, the following may occur:

  - *Immediately after the button is pushed, the fan may stop for a while until warm or cool air is ready to flow.*

- *Using the system in recirculated air mode*

  The windows will fog up more easily if recirculated air mode is used for an extended period.

- *Switching between outside air and recirculated air modes*

  Recirculated air mode or outside air mode may be automatically switched to in accordance with the temperature setting and the inside temperature.

- *Window defogger feature*

  Recirculated air mode may automatically switch to outside air mode in situations where the windows need to be defogged.

- *When outside air temperature is below 32°F (0°C)*

  The cooling and dehumidification function may not operate even when "A/C" is on.

- *When the indicator light on "A/C" flashes*

  Select "A/C" to turn off the cooling and dehumidification function and turn it on again. There may be a problem in the air conditioning system if the indicator light continues to flash. Turn the air conditioning system off and have it inspected by your Lexus dealer.

- *Automatic air intake change mode*

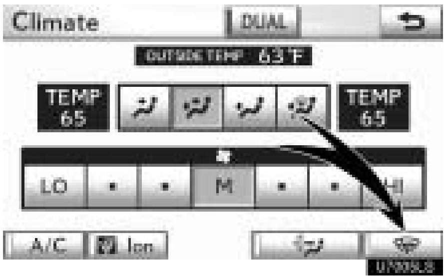
  In automatic mode, the system automatically switches between recirculated air and outside air modes according to whether the system detects harmful substances such as exhaust gas in the air outside.

  If you select automatic mode when only the fans are operating, the air conditioning system will turn on automatically.

(f) Windshield wiper de–icer (if equipped)

This feature is used to prevent ice from building up on the windshield and wiper blades.

The windshield wiper de–icer can be operated when the “POWER” switch is in ON mode.



Turns the windshield wiper de–icer on/off.

The windshield wiper de–icer will automatically turn off after approximately 15 minutes.

⚠ CAUTION

When the windshield wiper de–icer is on

Do not touch the lower part of the windshield or the side of the front pillars, as the surfaces can become very hot and burn you.

(g) Rear window and outside rear view mirror defogging



To turn the electric rear window and outside rear view mirror defogger on, push the button above.

The “POWER” switch must be in ON mode.

The thin heater wires on the inside of the rear window and the heater panels in the outside rear view mirrors will quickly clear the surface.

Keep your hands off the mirror faces when the system is on.

The indicator light is on when the defogger is operating.

⚠ CAUTION

When the outside rear view mirror defoggers are on, do not touch the outside surface of the rear view mirror as it can become very hot and burn you.

The system will automatically shut off when the defogger has operated about 15 minutes.

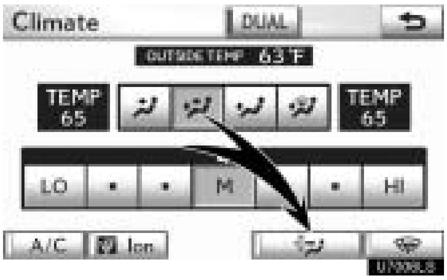
If further defrosting or defogging is desired, simply actuate the switch again. When the surface has cleared, push the button once again to turn the defogger off. Continuous use may cause the 12−volt battery to discharge, especially during stop−and−go driving. The defogger is not designed to dry rain water or to melt snow.

If the outside rear view mirrors are heavily coated with ice, use a spray de−icer before operating the system.

NOTICE

- ***When cleaning the inside of the rear window, be careful not to scratch or damage the heater wires or connectors.***
- ***To prevent the12−volt battery from being discharged, turn the switch off when the hybrid system is off.***

(h) Micro dust and pollen filter



Select the micro dust and pollen filter button.

Outside air mode switches to recirculated air mode. Pollen is removed from the air flows to the upper part of the body.

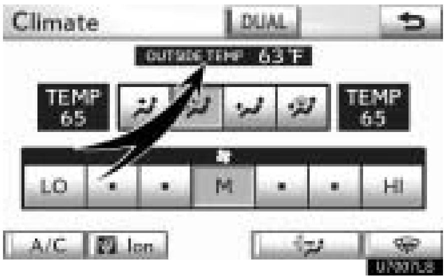
Usually the system will turn off automatically after approximately 3 minutes.

To stop the operation, select the micro dust and pollen filter button again.

INFORMATION

- ***In order to prevent the window from fogging up when the outside air is cold, the following may occur:***
  - ***Outside air mode does not switch to recirculated air mode.***
  - ***The air conditioning system operates automatically.***
  - ***The operation cancels after 1 minute.***
- ***In rainy weather, the windows may fog up. Push the windshield air flow button.***

(i) Outside temperature display



Outside temperature is displayed on the screen.

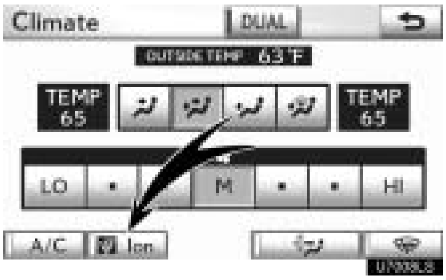
The displayed temperature ranges from −40°F (−40°C) up to 122°F (50°C).

If the temperature shows "– –" or "E", take your vehicle to your Lexus dealer.

In the following situations, the correct outside temperature may not be displayed, or the display may take longer than normal to change.

- When stopped, or driving at low speeds (less than 15.5 mph [25 km/h])
- When the outside temperature has changed suddenly (at the entrance/exit of a garage, tunnel, etc.)

(j) Plasmacluster™*



Select the Plasmacluster™ button on the display.



The indicator light is on when the Plasmacluster™ is operating.

This air conditioning system adopts plasmacluster technology, which helps to keep good air quality in the cabin by emitting positive and negative ions through the driver's side vent.

A slight noise may be heard during operation. This is not a malfunction. Also, static electricity may be discharged near the driver's side vent due to the high voltage used to operate the system.

To clean the driver's side vent, turn the system off and wipe the vent using a soft cloth.

*: Plasmacluster technology is manufactured under license from the SHARP Corporation.

"Plasmacluster™" is a trademark of the SHARP Corporation.

CAUTION

Do not disassemble or repair the system because it contains high voltage parts. Call your Lexus dealer if the system needs repair.

NOTICE

- ***Do not leave the air conditioning system on longer than necessary when the hybrid system is not operating.***
- ***Do not insert anything into the driver's side vent, attach anything to it, or use sprays around the driver's side vent. These things may cause the system not to work properly.***